

L1 ANSWER 431 OF 518 CA COPYRIGHT 2005 ACS on STN
AN 82:21036 CA
ED Entered STN: 12 May 1984
TI Mending an enameled article
IN Aoyama, Tokuzo
PA Takara Belmont Co., Ltd.
SO Jpn. Tokkyo Koho, 2 pp.
CODEN: JAXXAD

DT Patent
LA Japanese
IC C23D
CC 57-7 (Ceramics)

Section cross-reference(s): 37

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|------|----------|-----------------|----------|
| PI | JP 49019687 | B4 | 19740520 | JP 1970-70725 | 19700814 |
| PRAI | JP 1970-70725 | A | 19700814 | | |

CLASS

| PATENT NO. | CLASS | PATENT FAMILY CLASSIFICATION CODES |
|-------------|-------|------------------------------------|
| JP 49019687 | IC | C23D |

AB Pinholes, hairline cracks, and peeled-off spots on the surface of enameled articles are mended by cleaning them with a thinner, drying, and filling them with a plastic adhesive of the same color as the enamel. The adhesive is prepd. by kneading together powd. calcined SiO₂, TiO₂, an inorg. pigment, and an epoxy adhesive. After leveling the filled surface a very thin **flexible glass** film (0.005 mm) is pressed on it and the excess trimmed off.

ST enamel mending plastic adhesive glass

IT Epoxy resins
RL: USES (Uses)